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BOOK NUMBER 1

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Card Index to Agricultural Literature, prepared by the Library,
U. S. Department of Agriculture.

SUBJECT GROUPS.

Outline of the most important topics included in each group.

1. Agricultural economics and sociology.

History of agriculture, agricultural statistics, agricultural education, agricultural experiment stations, agricultural organizations, agricultural legislation, farm management.

2. General sciences.

(a) Physics, (b) chemistry, (c) botany, (d) bacteriology, (e) zoology, (f) physiology, and other sciences. Includes only such material as can not properly be classified in the special groups which follow. For instance, everything relating to the chemistry of soils, including methods of analysis, is classed under Soils, and the bacteriology of milk under Dairy farming and dairying.

3. Air, meteorology, and climatology.

Composition of the air and its industrial utilization; meteorological data, such as observations on temperature and rainfall; climatological studies.

4. Water.

Physics, chemistry, and bacteriology of water, including methods of examination. Does not include engineering features.

5. Soils.

Physics, chemistry, and bacteriology of soils; methods of examination and investigation; origin and classification; improvement and reclamation.

6. Fertilizers.

Farm manures and commercial fertilizers—their production, composition, preservation, uses; inspection and methods of examination; fertilizer experiments not dealing primarily with fertilizers for particular crops.

7. Field crops.

Cereals, forage plants, root crops, potatoes, tobacco, textile plants, tea, coffee, etc.—their characteristics, improvement, composition, culture, manuring, irrigation, harvesting, preservation, marketing; farm rotations; seeds and weeds as related to field crops. Does not include insects and diseases affecting these crops.

8. Horticulture.

Fruits, nuts, garden vegetables—their characteristics, propagation, improvement, composition, culture, manuring, irrigation, harvesting, preservation, marketing; nurseries; ornamental plants; landscape gardening; seeds and weeds as related to horticultural crops. Does not include insects and diseases affecting these crops.



UNITED STATES DEPARTMENT OF AGRICULTURE.
LIBRARY.

Washington, D. C., March 15, 1904.

The Library of the Department of Agriculture contemplates issuing catalogue cards for articles in certain standard periodicals devoted to agricultural topics. A sample of the form of card is inclosed herewith. Subject entries and added entries will be suggested on the cards.

The cards will be sold in sets at the rate of one cent for the first copy of any card and half a cent for each additional copy of the same card furnished at the same time. An "author entry set" will include one copy only of each separate card printed. A "complete set" will include, in addition to the author set, all the cards required to bring out the subject entries suggested on the cards in the author entry set.

The periodicals which have been analyzed; the approximate number of cards required for each, and the price of the sets are given below. The figures as to number of cards and the price of the same cover the issues of the periodicals to the end of 1903.

Annales de la science agronomique, 1884-1903. Author set includes 328 cards; price \$3.28. Complete set includes 844 cards; price \$5.92.

Landwirthschaftliche jahrbucher, 1872-1903, v. 1-31. Author entry set includes 838 cards; price \$8.38. Complete set includes about 2,500 cards; price about \$17.

Die landwirthschaftlichen versuchs-stationen, 1859-1903, v. 1-57. Author entry set includes 1,378 cards; price \$13.78. Complete set includes about 4,100 cards; price about \$27.

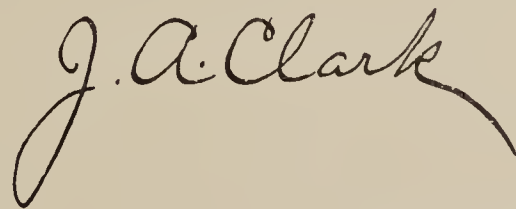
The cards for each periodical will also be made up in classes and sold at the rate of two cents for the first card and half a cent for each additional card furnished at the same time. The following classes will be represented:

1. Agricultural economics and sociology. 2. General sciences. 3. Air, meteorology, and climatology. 4. Water. 5. Soils. 6. Fertilizers. 7. Field crops. 8. Horticulture. 9. Forestry. 10. Plant diseases. 11. Entomology. 12. Foods and nutrition of man. 13. Feeding stuffs. 14. Animal industry. 15. Dairy farming and dairying. 16. Veterinary medicine. 17. Agricultural technology. 18. Agricultural engineering. (See inclosure for subjects included in each group. Cards for one or more subjects in the class "General science" may be subscribed for.)

A single card or a set of cards for any article in these periodicals can be purchased at the rate of two cents and a half for the first card and half a cent for each additional card furnished at the same time with the first.

Should you decide to subscribe to cards for any or all of these periodicals, with or without continuation, kindly inform us at once, that the publication of the cards may proceed without delay.

Subscribers will be notified when the cards are ready for delivery and informed as to the proper method of payment.

A handwritten signature in dark ink, reading "J. A. Clark". The signature is fluid and cursive, with a long, sweeping underline that extends to the right.

Librarian.

2 inclosures.

9. Forestry.

Description of trees, forest management, reforestation, forest products; forest fires. Does not include insects and diseases affecting forests.

10. Plant diseases.

Description and treatment of all diseases of plants not due to insects.

11. Entomology.

Apiculture; sericulture; insects affecting animals and plants and their description and treatment.

12. Foods and nutrition of man.

Foods, food accessories, condiments, beverages—their composition and methods of examination, nutritive value, preparation, preservation, adulteration, and inspection; dietetics; digestion and metabolism experiments.

13. Feeding stuffs.

Composition, digestibility, and nutritive value; sources, preparation, and valuation; inspection and methods of examination.

14. Animal industry.

Cattle, sheep, goats, pigs, horses, mules, poultry, fishes, oysters, etc.; breeds and types; breeding and feeding; management; digestion and metabolism experiments; animal hygiene; slaughtering and marketing. Does not include dairy cows, bees, and silkworms.

15. Dairy farming and dairying.

Breeds, feeding, and management of dairy cows; milk secretion; milking; composition, properties, and testing of milk and its products; dairy bacteriology; care and handling of milk; dairy inspection; butter making; cheese making; condensed milk; other products.

16. Veterinary medicine.

Etiology, symptoms, and treatment of diseases of animals; animal parasites; plants poisonous to stock.

17. Agricultural technology.

Sugar making, brewing, distilling, wine making, cider making, and other industries.

18. Agricultural engineering.

Laying out farms; construction of buildings, water and irrigation systems, drainage and sewage systems, roads, bridges, fences; construction and use of farm machinery; application of power to agricultural purposes.

